

Lesson 6-15 • Apply Day

Reinforce Understanding

6.15 • Part II

I can simplify algebraic expressions by combining like terms.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. (Lesson 6.4) Evaluate $2x + 4$ when $x = 3$.

Complete each step, then write the final answer.

1. Substitute 3 for x : $2(3) + 4$. First multiply: ____.
2. Add 4: ____.

Answer: _____

2. (Lesson 6.5) Write an expression for 4 more than 2 times a number x .

Complete each step, then write the final answer.

1. “2 times x ” becomes ____.
2. “4 more” means add ____.
3. Write the full expression: ____.

Answer: _____

3. (Lesson 6.6) Simplify $4x + 2x + 5$.

Complete each step, then write the final answer.

1. Add the x -coefficients: $4 + 2 =$ ____.
2. Keep the constant term and write: ____.

Answer: _____